

#4

026350-048.ST25



SEQUENCE LISTING

<110> Sano, Hiroshi
Kusano, Tomonobu

<120> A Gene Which Exhibits Induced Expression By Stress

<130> 026350-048

<140> US 09/805,919

<141> 2001-03-15

<150> JP 2000-71,655

<151> 2000-03-15

<160> 3

<170> PatentIn version 3.0

<210> 1

<211> 308

<212> PRT

<213> Nicotiana tabacum

<220>

<221> PEPTIDE

<222> (277)

<223> Amino acid 277 is "Xaa" wherein "Xaa" = any amino acid.

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Ser Cys Gly Asp Ile Gln Ile Lys Phe Pro Phe Arg Leu Arg Thr Asp
35 40 45

Pro Glu His Cys Gly Arg Arg Gly Tyr Glu Leu Asp Cys Gln Asn Asn
50 55 60

Gln Thr Val Phe Asn Tyr Lys Ser Arg Ile Phe Asp Val Gln Glu Ile
65 70 75 80

Asn Tyr Arg Ser Tyr Ser Ile Arg Leu Leu Asp Pro Gly Leu Asn Asp
85 90 95

Gln Arg Glu Asn Cys Thr Val Phe Pro Asn His Arg Ala Ser Tyr Asp
100 105 110

Ala Met Thr Ser Gln Ile Phe Glu Trp Val Arg Val Asn Asn Asp Ile
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Asn Tyr Val Asn Cys Leu Ala Pro Ile Asn Ser Ser Gln Tyr Ile Pro

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130 135 140

Thr Ser Phe Cys Ser Lys Asn Ser Thr Gly Phe Ser Tyr Leu Val Ile
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Arg Glu Ile Leu Gln Ala Ser Asp Leu Ala Gly Gly Cys Arg Val Glu
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Thr Val Ala Trp Ser Ser Ala Pro Gly Ile Ser Ser Asn Lys Ser Ser
180 185 190

Thr Leu Ser Ser Thr His Gln Gly Leu Ala Tyr Gly Phe Glu Leu Ser
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Trp Lys Arg Asn Leu Leu Cys Arg Asn Cys Asp Arg Ser Arg Gly Gly
210 215 220

Glu Cys Thr Ile Glu Glu Asn Ser Asp Arg Ala Thr Cys Arg Tyr Trp
225 230 235 240

Cys Lys Glu Asp Ile His Val Ser Lys Leu Thr Phe Arg Cys Lys Val
245 250 255

Glu Tyr Tyr Ser Val Tyr Val Leu Phe Phe Gly Gly Ile Gly Ile Gly
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Gly Val Leu Ala Xaa Arg Phe Leu Leu Gly Ile Pro Ile Leu Ile Ala
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tttcccttcc gactgaggac tgatcccagc cattgtggta gacgcggata tgagctcgat 180
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